

AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract of the Disclosure with the following paragraph:

A mechanical seal for providing a fluid-tight seal between a rotating shaft and a stationary housing comprises a first pair of seal members for sealing and separating a process fluid from a barrier fluid and a shuttle. The first pair of seal members comprises a first rotatable seal ring having a rotary seal face and a first stationary seal ring having a stationary seal face engaging the rotary seal face. The shuttle member is positioned relative to the rotary seal ring or the stationary seal ring and axially movable between a first position and a second position in response to changing pressure conditions within the mechanical seal thereby maintaining the mechanical seal regardless of the change in pressure conditions.

Please replace the paragraph on page 7 starting at line 20 with the following amended paragraph:

The term “gland” as ~~used~~used herein is intended to include any suitable structure that enables, facilitates or assists securing the mechanical seal to a housing, while concomitantly surrounding or housing, at least partially, one or more seal components. If desired, the gland can provide fluid access to the mechanical seal.

Please replace the paragraph on page 19 starting at line 15 with the following amended paragraph:

According to another embodiment of the invention, a mechanical seal includes a shuttle member disposed adjacent to a rotary seal ring to define a piston area in response to a pressure condition, for example, as shown in Figure 5. In Figure 5, a mechanical seal 10000 includes a sleeve 20000 rotatably coupled to a shaft, which holds the rotary elements of the mechanical seal 10000. A primary rotary seal ring 42000 is mounted on the sleeve 20000 using an O-ring 35000 and a pin 36000, or other suitable means. A primary stationary seal ring 54000 is connected to a stationary gland component 90000 and engages the primary rotary seal ring 42000 to provide a sealed interface. A second or outboard pair of primary seal members, forming a second or outboard seal, comprises seal rings 42000' and 54000'. The secondary seal rings 42000' and

54000' have seal faces that are biased into sealing relationship with each other to provide additional sealing. The first and second pair of primary seal members form a dual or tandem mechanical seal. A movable shuttle member 27000 is provided in connection with the primary stationary seal member 54000 for defining different piston areas on the seal faces of the primary seal rings 42000 and 54000 in response to different pressure conditions within the seal 10000.